

REMARKS

This Amendment is being filed in response to the Final Office Action mailed March 26, 2007, which has been reviewed and carefully considered. Reconsideration and allowance of the present application in view of the amendments made above and the remarks to follow are respectfully requested.

By means of the present amendment, the specification has been amended to correct a grammatical error.

By means of the present amendment, claim 4 has been canceled without prejudice and its features included in independent claim 1. Further, claims 2-3 have been amended in view of amended claim 1. Accordingly, no new issues requiring a new search have been introduced and entry of the present amendment is respectfully requested.

In the Final Office Action, the Examiner objected to claim 1 for a certain informality. In response, claim 1 has been amended in accordance with the Examiner's suggestions. Accordingly, withdrawal of the objection to claim 1 is respectfully requested.

In the Final Office Action, claims 1-6, 10 and 12 are rejected

under 35 U.S.C. §102(b) as allegedly anticipated by article U.S. Patent No. 5,599,899 (Jenekhe). Further, claims 1-4, 6 and 8 are rejected under 35 U.S.C. §103(a) as allegedly unpatentable over U.S. Patent No. 6,949,762 (Ong) view of WO 9415368 (Hadziioannou). It is respectfully submitted that claims 1-3, 5-6, 8, 10 and 12 are allowable over Jenekhe, Ong and Hadziioannou for at least the following reasons.

Jenekhe is directed to a class of polymers having light emitting capability. Conjugated polymers are referred to on columns 1 and 2, namely, col. 1, line 63, and col. 2, lines 43. It is respectfully submitted that Jenekhe does not even teach or suggest non-conjugated units, let alone teaching or suggesting a polymer or monomer having a  $B_1-A_1-B_2$  structure, wherein  $B_1$ ,  $B_2$  are non-conjugated intermediate units and  $A_1$  is a conjugation unit, as recited in independent claims 1, 10 and 12. No sections of Jenekhe, other than FIG 4, are cited in the Final Office Action.

Jenekhe has 8 figures and 38 columns of text qualifying this patent as "complex". Therefore pursuant to 37 CFR 1.104, the Examiner must indicate how the reference is being applied. If the Examiner persists on this rejection, then it is respectfully

requested that the Examiner specifically point by column and line numbers where exactly are the above noted feature taught or suggested in Jenekhe.

On page 3 of the Final Office Action, the Examiner correctly notes that the claimed polymer is not taught or suggested in Ong. Hadziioannou is cited in an attempt to remedy the deficiencies in Ong.

Hadziioannou is directed to light emitting diodes including a block copolymer of  $\pi$ -conjugated and non- $\pi$ -conjugated blocks. Hadziioannou also teach a block copolymer consisting of thiophene blocks A sandwiched between non-thiophene blocks B of the formula  $[-A_x-B_y-]_z$ . It is not clear whether  $A_x$  and  $B_x$  are conjugated or non-conjugated. Assuming, arguendo that  $A_x$  is conjugated and  $B_y$  is non-conjugated (or vice verse), there is still no teaching or suggestion in Hadziioannou of a polymer or monomer having a  $B_1-A_1-B_2$ - structure, wherein  $B_1$ ,  $B_2$  are non-conjugated intermediate units and  $A_1$  is a conjugation unit, as recited in independent claims 1, 10 and 12.

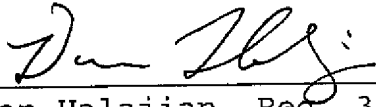
Accordingly, it is respectfully submitted that independent claims 1, 10 and 12 should be allowable, and allowance thereof is

respectfully requested. In addition, it is respectfully submitted that claims 2-3, 5-6 and 8 should also be allowed at least based on their dependence from amended independent claim 1.

In addition, Applicants deny any statement, position or averment of the Examiner that is not specifically addressed by the foregoing argument and response. Any rejections and/or points of argument not addressed would appear to be moot in view of the presented remarks. However, the Applicants reserve the right to submit further arguments in support of the above stated position, should that become necessary. No arguments are waived and none of the Examiner's statements are conceded.

In view of the above, it is respectfully submitted that the present application is in condition for allowance, and a Notice of Allowance is earnestly solicited.

Respectfully submitted,

By   
Dicran Halajian, Reg. 39,703  
Attorney for Applicant(s)  
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**THORNE & HALAJIAN, LLP**  
Applied Technology Center  
111 West Main Street  
Bay Shore, NY 11706  
Tel: (631) 665-5139  
Fax: (631) 665-5101